

18. (THRICE AMENDED) A [ database ] system for enabling a[n] user to distribute a procedure from a client platform to a plurality of server platforms, and for enabling the user to make and register the procedure at the server platforms, [ a “DB2” relational database management system (RDBMS) executing on each server platform, ] the [ database ] system comprising:

means, at the client platform, for displaying a list of servers;

means, at the client platform, for enabling the user to select any of said servers;

[ CAE ] commanding means, at the client platform, for commanding a [ “client application enablement” (CAE) ] module to distribute a file associated with the procedure to the selected servers, the [ CAE ] module being resident in the client platform [ and representing a client component of the DB2 RDBMS ] ; and

make and register means, at the client platform, for commanding the [ CAE ] module to cause the selected servers to make and register the procedure;

wherein said [ CAE ] commanding means comprises:

means for converting the file to a string;

means for setting a procedure [ \_to\_invoke ] parameter equal to information identifying a file transfer procedure located at each selected server;

means for causing a [ pointer in a ] first [ “sqlvar” ] parameter to [ point to ] represent said string, and causing a [ pointer in a ] second [ sqlvar ] parameter [ point to ] represent a file name of the file, the first and second [ sqlvar ] parameters [ being part of an input\_args parameter, the input\_args parameter ] having a [ “sqllda” ] data type [ , the sqllda data type ] being suitable for passing scalar values to procedures; and

means for invoking, for each selected server, a [ “sqleproc” ] function provided by the [ CAE ] module, a parameter list of said [ sqleproc ] function comprising said [ input\_args ] first and second parameters and said procedure [ \_to\_invoke ] parameter, said [ sqleproc ] function when executed causing said [ input\_args ] first and second parameters to be passed to said file transfer procedure at each selected server, and also causing said file transfer procedure to be invoked at each selected server.